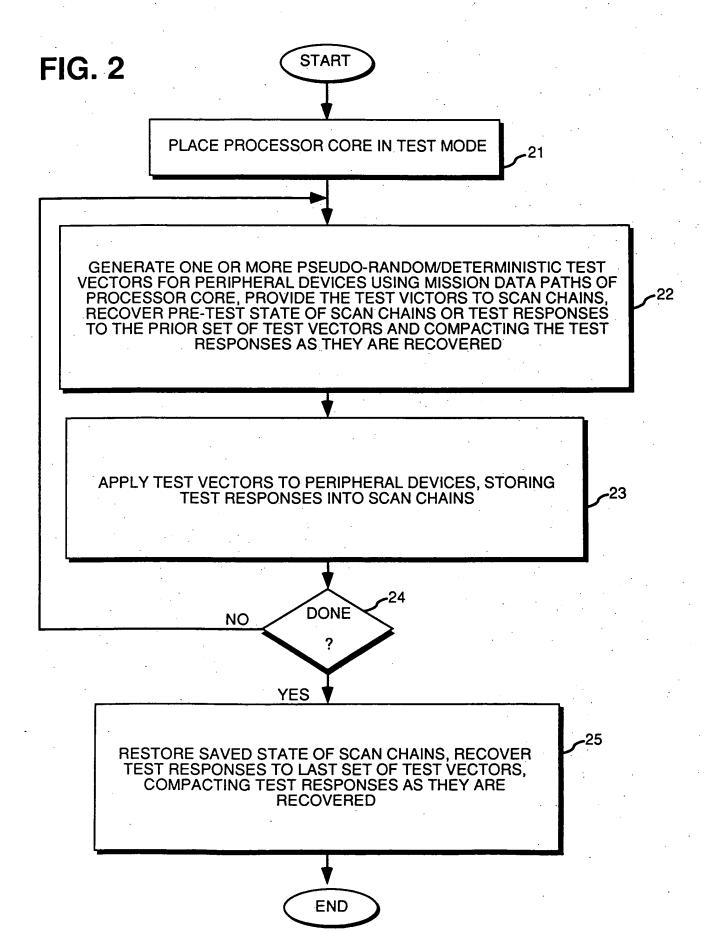
Justin D. Wagner
Our Ref. No.: 1011-67625
For: ARITHMETIC BUILT-IN SELF TEST OF MULTIPLE
SCAN-BASED INTEGRATED CIRCUITS
Inventor(s): Rajski et al.
Express Mail Label No. EV175409692US
Date of Deposit: February 10, 2004 9 16 ဖ **SCAN REGISTERS SCAN REGISTERS SCAN REGISTERS**  $\sqsubseteq$ N -20 **TEST PORT** NON-VOLATILE MEMORY

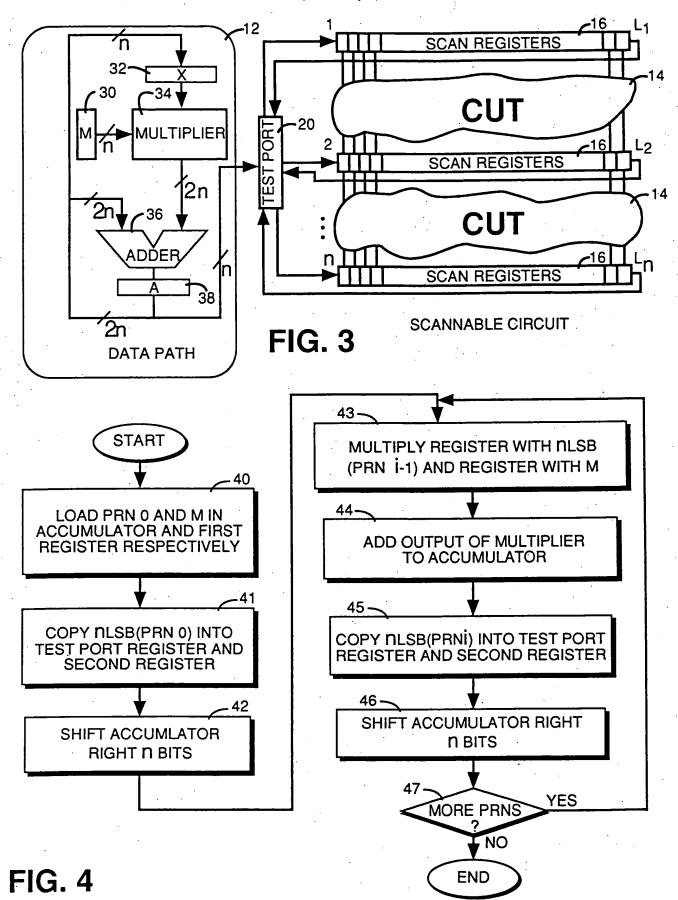
Justin D. Wagner Our Ref. No.: 1011-67625 For: ARITHMETIC BUILT-IN SELF TEST OF MULTIPLE SCAN-BASED INTEGRATED CIRCUITS Inventor(s): Rajski et al. Express Mail Label No. EV175409692US

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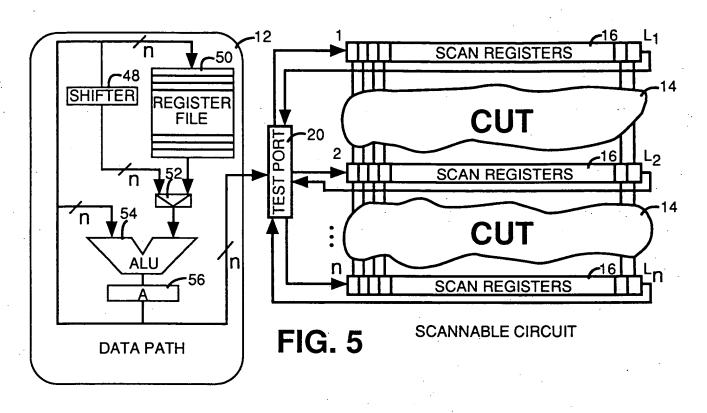
Justin D. Wagner
Our Ref. No.: 1011-67625
For: ARITHMETIC BUILT-IN SELF TEST OF MULTIPLE
SCAN-BASED INTEGRATED CIRCUITS
Inventor(s): Rajski et al.
Express Mail Label No. FV175409692118

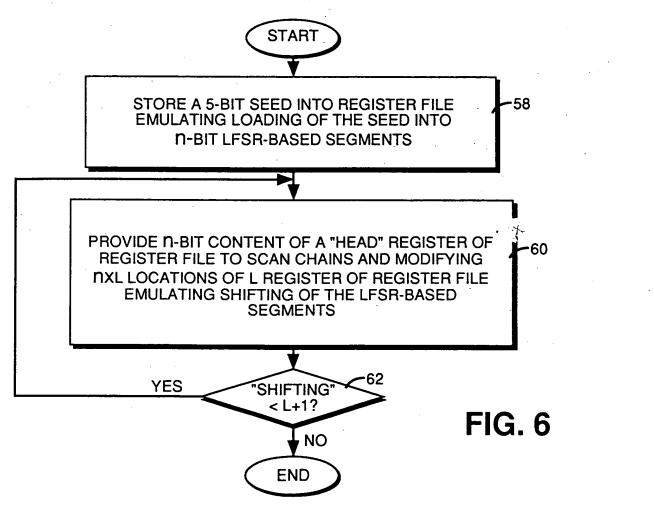
Express Mail Label No. EV175409692US
Date of Deposit: February 10, 2004



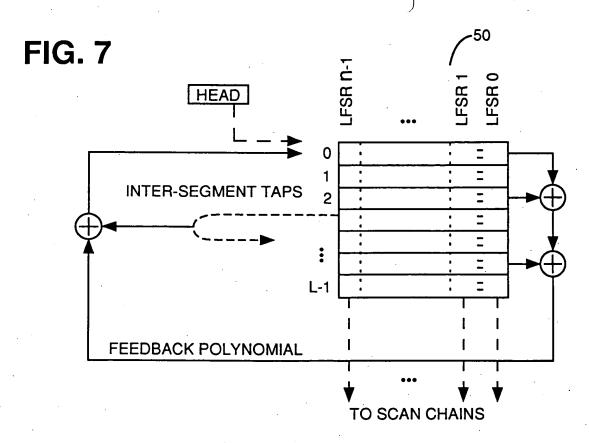
Justin D. Wagner
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SCAN-BASED INTEGRATED CIRCUITS
Inventor(s): Rajski et al.

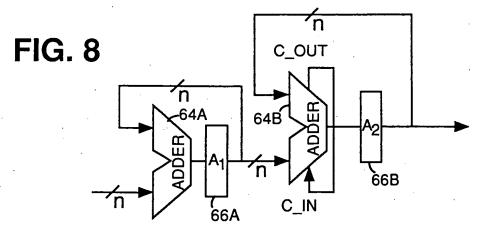
Express Mail Label No. EV175409692US
Date of Deposit: February 10, 2004

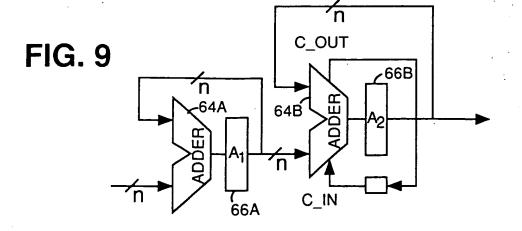




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Inventor(s): Rajski et al.
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Express Mail Label No. EV1754096921 Date of Deposit: February 10, 2004

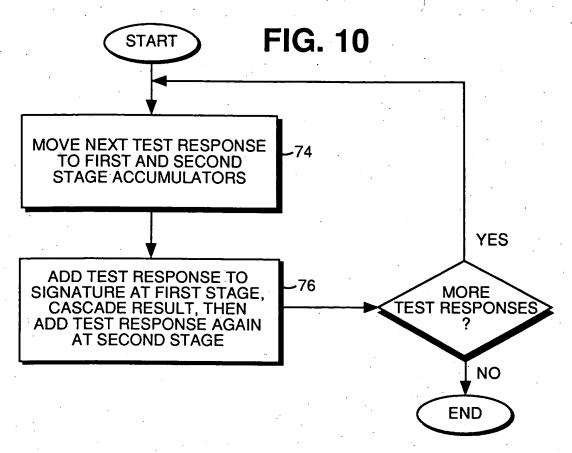
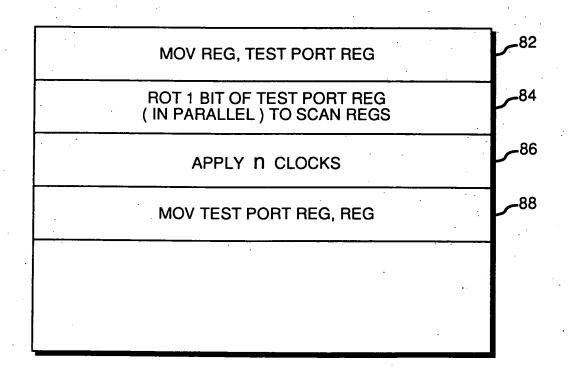
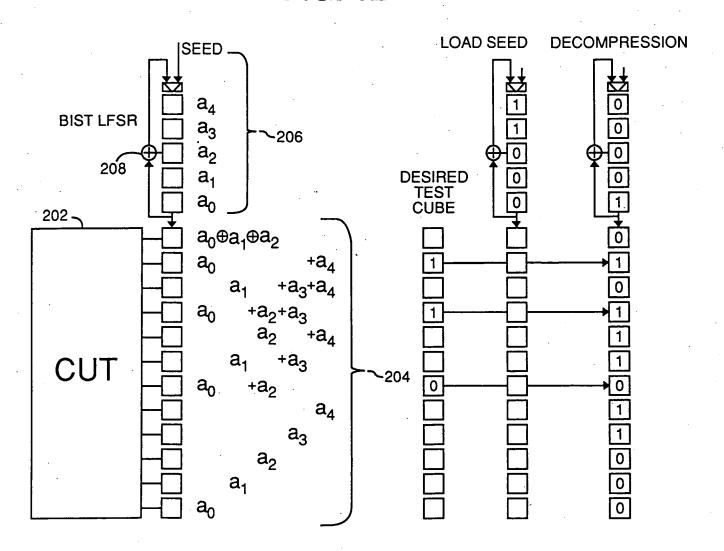


FIG. 11



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FIG. 12



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FIG. 13

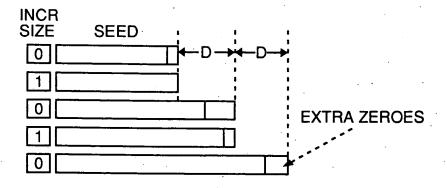


FIG. 14

